

- ✓ On page 5, line 7, after "hPTH 32-37" please insert --SEQ. I.D. NO. 26--.
- ✓ On page 5, line 10, after "hPTH 33-37" please insert --SEQ. I.D. NO. 27--.
- ✓ On page 5, line 13 after "hPTH 24-36" please insert --SEQ. I.D. NO. 28--.
- ✓ On page 5, line 17 after "hPTH 24-35" please insert --SEQ. I.D. NO. 29--.
- ✓ On page 5, line 21, after "hPTH 24-34" please insert --SEQ. I.D. NO. 30--.
- ✓ On page 5, line 25, after "hPTH 24-33" please insert --SEQ. I.D. NO. 31--.
- ✓ On page 5, line 28, after "hPTH 24-32" please insert --SEQ. I.D. NO. 32--.
- ✓ On page 5, line 31, after "hPTH 24-31" please insert --SEQ. I.D. NO. 33--.
- ✓ On page 5, line 34, after "hPTH 24-30" please insert --SEQ. I.D. NO. 34--.
- ✓ On page 5, line 37, after "hPTH 24-29" please insert --SEQ. I.D. NO. 35--.

IN THE CLAIMS

~~Please cancel Claims 3-5.~~

Please add the following claims:

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7. (NEW) A composition for detecting active hPTH comprising antibodies or fragments of antibodies that are capable of selectively binding to only active hPTH.
8. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding peptides of hPTH having SEQ. I.D. Nos. 1-6.
9. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 1.

10. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 2.

11. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 3.

12. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 4.

13. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 5.

14. (NEW) The composition of Claim 7, wherein the antibodies or fragments of antibodies are capable of binding a peptide of hPTH having SEQ. I.D. No. 6.

15. (NEW) A composition for detecting active hPTH comprising antibodies or fragments of antibodies that are capable binding the N-terminus of hPTH.

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Cont.

16. (NEW) The composition of Claim 15, wherein the antibodies or fragments of antibodies are capable of binding peptides of hPTH having SEQ. I.D. Nos. 1-6.

17. (NEW) An immunological method of detecting active hPTH comprising:

a) contacting a sample with a first antibody or antibody fragment capable of detecting active hPTH;

b) further contacting the sample with a second antibody or antibody fragment capable of binding an epitope of hPTH that is different from the epitope of a); and

c) detecting the binding of the antibodies.

18. (NEW) The method of Claim 17, wherein the first antibody or antibody fragment is capable of binding peptides of hPTH having SEQ. I.D. Nos. 1-6.

19. (NEW) The method of Claim 17, wherein the second antibody or antibody fragment is capable of binding peptides of hPTH having SEQ. I.D. Nos. 7-36.

20. (NEW) The method of Claim 17, wherein said second antibody or antibody fragment is capable of binding peptides of hPTH having SEQ. I.D. Nos. 18-36.

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cont.